

LAW OFFICES
LEYDIG, VOIT & MAYER, LTD.
 TWO PRUDENTIAL PLAZA, SUITE 4900
 CHICAGO, ILLINOIS 60601-6780

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TELEPHONE: (312) 616-5600

FACSIMILE: (312) 616-5700 (G3)
 (312) 849-0495 (G4)**FACSIMILE COVER SHEET**

DATE: SEPTEMBER 12, 2005

NUMBER OF PAGES (INCLUDING
 THIS TRANSMITTAL COVER SHEET): 6

TIME:

OUR REFERENCE: 223590

FROM: Christopher T. Griffith, Reg. No. 33,392

TELEPHONE: (312) 616-5600

To: MAIL STOP AMENDMENTS
 COMMISSIONER FOR PATENTS
 U.S. PATENT AND TRADEMARK OFFICE
 P.O. Box 1450
 Alexandria, VA 22313-1450

TELEPHONE NUMBER:

FACSIMILE NUMBER: 571-273-8300

IN RE APPLN. OF: ANDRIESSEN
 APPLICATION NO. 10/629,242
 FILED: 07/29/2003
 FOR: NANO-POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY
 SENSITIZED WITH METAL OXIDE CHALCOGENIDE NANO-
 PARTICLES
 GROUP ART UNIT: 1775
 EXAMINER: XU, LING X.

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ATTACHED:

AMENDMENT TRANSMITTAL IN DUPLICATE (2 PAGES)

REPLY TO OFFICE ACTION (3 PAGES)

SEP 13 2005

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FORM PTO-1083

PATENT

Attorney Docket No. 223590
Client Reference No. GN02089
Date: September 12, 2005

In re Application of: Andriessen
 Application No. 10/629,242
 Filed: July 29, 2003
 For: NANO-POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY SENSITIZED WITH METAL
 OXIDE CHALCOGENIDE NANO-PARTICLES

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a reply to office action in the subject application.

Small entity status is claimed for this application under 37 CFR 1.27.

Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.

Other:

Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY	OTHER THAN A SMALL ENTITY		
TIME EXTENSION PETITION FEE					\$ 0.00	\$120.00		
subtract time extension fee previously paid					(\$ 0.00)	(\$ 0.00)		
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	
TOTAL	20	MINUS	20	= 3	x 25 =	\$	x 50 =	\$ 0
INDEPENDENT	4	MINUS	4	= 4	x 100 =	\$	x 200 =	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE CLAIM					+ 180 =	\$	+ 360 =	\$ 0
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL	\$ 120.00

The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.

Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,
 LEYDIG, VOIT & MAYER, LTD.

By 
 Christopher T. Griffith, Reg. No. 33,392

Leydig, Voit & Mayer, Ltd.
 Two Prudential Plaza, Suite 4900
 180 North Stetson Avenue
 Chicago, Illinois 60601-6780
 (312) 616-5600 (telephone)
 (312) 616-5700 (facsimile)

Amendment or ROA Transmittal (Revised 5/9/05)

09/13/2005 SFELEKE1 00000042 121216 10629242

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/629,242

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Applicant: Andriessen

SEP 12 2005

Filed: July 29, 2003

TC/AU: 1775

Examiner: XU, Ling X.

Docket No.: 223590 (Client Reference No. GN 02089)

Customer No.: 23460

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated August 8, 2005, please consider the following remarks.

MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10

I hereby certify that this document and all accompanying documents are, on the date indicated below, being deposited with the U.S. Postal Service using "Express Mail" service in an envelope addressed in the same manner indicated on this document with Express Mail Label Number deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed in the same manner indicated on this document, or facsimile transmitted to the U.S. Patent and Trademark Office at fax number: 571-273-8300.

Name (Print/Type)	Cecilia Mateo		
Signature		Date	September 12, 2005